

Product Datasheet

MBD1 Antibody **NB100-56537SS**

Unit Size: 0.025 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 3

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Updated 6/15/2014 v.20.1

NB100-56537SS

MBD1 Antibody (100B272.1)

Product Information	
Unit Size	0.025 mg
Concentration	Concentration 0.5
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	100B272.1
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS containing 0.05% BSA

Product Description	
Host	Mouse
Gene ID	4152
Gene Symbol	MBD1
Species	Human
Species Reactivity	Cross reacts with Human.
Specificity/Sensitivity	There are many isoforms of human MBD1 ranging from 503 (~ 55kD) to 655 (~ 71kD) amino acids in length. Researchers are encouraged to use the provided immunogen sequence to determine if this antibody is suitable for testing a specific isoform of interest.
Immunogen	This antibody was generated by immunizing mice with a synthetic peptide corresponding to amino acids 391-405 (SESEDGAGSPPPYRR) of human MBD1; GenBank no ref NP_056671.2

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 2-4 ug/ml

Images	
Western Blot: MBD1 Antibody (100B272.1) [NB100-56537] - Analysis of MBD1 in HeLa lysate using MBD1 antibody at 2 ug/ml (lane 1) and 1 ug/ml (lane 2).	

Publications

Waterfield M, Khan IS, Cortez JT et al. The transcriptional regulator Aire coopts the repressive ATF7ip-MBD1 complex for the induction of immunotolerance. *Nat. Immunol.* 2014 Mar 1 [PMID: 24464130] (WB, IP, IHC-Fr, Mouse, Human)

Reese BE, Bachman KE, Baylin SB, Rountree MR. The methyl-CpG binding protein MBD1 interacts with the p150 subunit of chromatin assembly factor 1. *Mol Cell Biol.* 2003 May [PMID: 12697822]

Villa R, Pasini D, Gutierrez A et al. Role of the polycomb repressive complex 2 in acute promyelocytic leukemia. *Cancer Cell.* 2007 Jun [PMID: 17560333]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our guarantee, please visit www.novusbio.com/guarantee.

